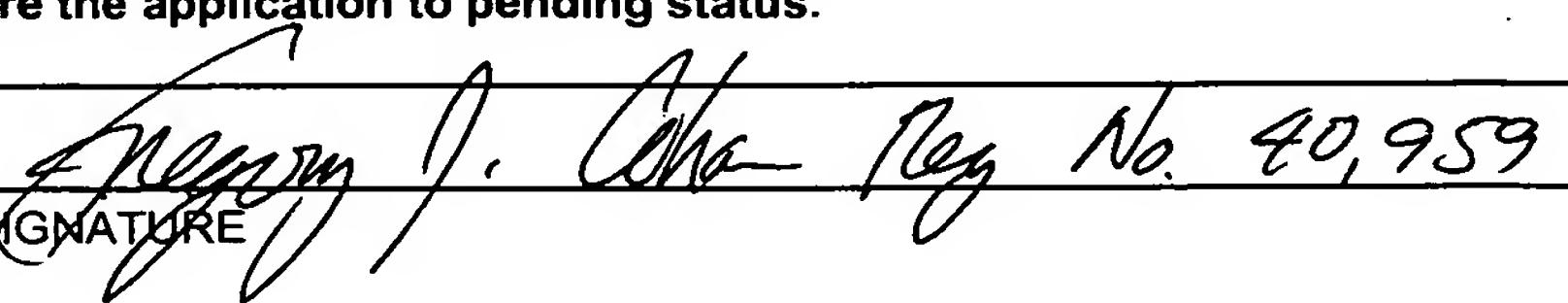


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NO. 005092-00073</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US03/038707</b>	INTERNATIONAL FILING DATE <b>December 5, 2003</b>	U.S. APPLICATION NO. <small>See 37 CFR 1.5</small> <b>10/537690</b>
<b>TITLE OF INVENTION</b> <b>CONFIGURABLE MICROFLUIDIC SUBSTRATE ASSEMBLY</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> <b>David Strand and David Barrow</b>		
Applicant herewith submits to the United State Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must included items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (Unexecuted).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<b>Items 11-20 below concern other document(s) or information included:</b>		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An Assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:            Notification Of Transmittal Of The International Search Report (PCT/ISA/220);            Notification Of Receipt Of Record Copy (PCT/IB/301);            International Search Report (PCT/ISA/210);            International Publication WO 2004/052540 A3;            Forms PCT/IB/308         </p>		

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U.S. APPLICATION NO. (If known) See 37 CFR 1.8		INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NO.	
<b>107537690</b>		PCT/US03/38170	005092-00059	
21. The following fees are submitted:				
<input checked="" type="checkbox"/> a) Basic National Fee		\$300.00	\$300.00	
<input checked="" type="checkbox"/> b) Examination Fee		\$200.00	\$200.00	
<input checked="" type="checkbox"/> c) Search Fee		\$500.00	\$500.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate	
			X \$250	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	61 -20 =	41	x \$50.00	2,050.00
Independent Claims	3 - 3 =		x \$200.00	
Multiple dependent claims (if applicable)			+ \$360.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$3,180.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated below above are reduced by 1/2.				\$ 1,590.00
<b>SUBTOTAL =</b>				\$ 1,590.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				
<b>TOTAL NATIONAL FEE =</b>				\$ 1,590.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. +				
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,590.00
				Amount to be: refunded
				charged \$1,590.00
a. <input type="checkbox"/> A check in the amount of \$____ to cover the above fees is enclosed.				
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 19-0733 in the amount of <u>\$1,590.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0733. A duplicate copy of this sheet is enclosed.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.				
SEND ALL CORRESPONDENCE TO:		 <b>SIGNATURE</b> Peter D. McDermott		
CUSTOMER NO.: 22910		29,411		
BANNER & WITCOFF LTD.		REG. NO.		
 <b>NAME</b> June 6, 2005				
<b>DATE</b>				

10/537 690

JC09 Rec'd PCT/PTO 06 JUN 2009

005092.00073

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Strand, et al.

Application No.: Not Yet assigned Art Unit: Not Yet Assigned

Filed: Herewith Examiner: Not Yet Assigned

Entitled: CONFIGURABLE MICROFLUIDIC SUBSTRATE ASSEMBLY

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CERTIFICATE OF EXPRESS MAIL

Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Dear Sir:

Express Mail Receipt No. EV 515645859 US

Date of Deposit: 6 June 2005

I hereby state that the following:

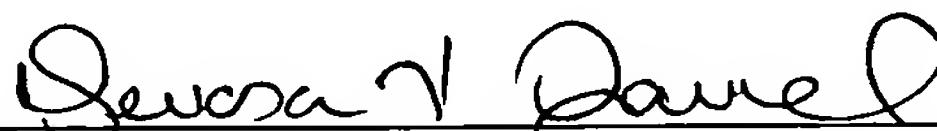
1. Transmittal Letter to the United States Designated /Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371(2 Pgs.) (In Duplicate)
2. Priority Claim Amendment (3 Pgs.)
3. Specification (57 Pgs.)
4. Drawings (12 Pgs.)
5. Copies of International Publication No.WO 2004/052540 and International Search Report (PCT/ISA/210); Notification of Transmittal of ISA (PCT/ISA/220); and Notice Informing the Applicant of the communication of the International Application to Designated Offices (PCT/IB/308)
6. Application Data Sheet (3 Pgs.)
7. Declaration and POA (unexecuted) (2 Pgs.)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Devora L. Gavel

06 June 2005

Dated



Signature of person mailing above-identified papers